In	de	X	of	CI	aiı	ns	

Application No.	Applicant(s)
10/046,497	PING ET AL.
Examiner	Art Unit
Thao X. Le	2814

√	Rejected
11	Allowed

-	(Through numeral) Cancelled
÷	Restricted

Z	Non-Elected	
-	Interference	

A	Appeal
0	Objected

Į.							ı			
Cla	aim				(Date	€			
Final	Original	3/10/05	9/14/05	3/1/06	7/20/06	12/18/06				
	1	1	7	7	7	7				П
	2	7	. 7	7	7	7				П
	3	7	7	7	7	7		_	_	П
	4	7	7	7	7	7				
·	5	7	7	7	7	7	\vdash			П
	6	7	7	1	7	7				П
	7	7	7	7	7	7				П
	2 3 4 5 6 7 8	7	7	7	7	7				П
	9	7	7	7	7	1				
	10	7	7	7	7	7				П
	10 11 12 13 14 15 16 17 18 19	7	7	7	7	7				П
	12	1	7	7	7	1				П
	13	1	7	7	7	7		_		
	14	7	7	7	7	7				
	15	7	7	7	7	7				
	16	7	7	7	7	7	\vdash			\Box
	17	7	7	7	7	7	\vdash			
	18	7	7	1	7	7	\vdash			Н
	19	7	7	7	7	7			_	\Box
_	20	7	7	7	7	7	\vdash			
	21	7	7	7	7	7	\vdash		-	\vdash
	22	7	7	7	7	1	\vdash			\vdash
<u> </u>	23	7	'	7	7	7	 	_	_	
	24	7	7	7	7	7	\vdash			
	21 22 23 24 25 26 27 28 29 30	7	7	 	7	7	\vdash			\vdash
	26	7	7	7	7	7	-	_	_	Н
_	27	7	7	 	7	7		_		\vdash
_	28	7	7	7	7	7	-		\vdash	\vdash
	20	7	7	 †	1	7	-		\vdash	H
<u> </u>	30	7	7	7	7	7	\vdash		\vdash	\vdash
<u> </u>	31	7	7	7	7	7	-		\vdash	\dashv
	32	7	7	7	7	7	┢			-
	32 33	7	7	7	7	7	H		-	
_	34	7	7	7	7	7	-	_	\vdash	\vdash
	34 35 36	7	7	7	7	7	\vdash	-	\vdash	\vdash
-	36	1	1	7	7	7	-		┢	\vdash
	37	7	1	7	7	7	-	H	\vdash	H
_	38	7	7	7	1	7	-	<u> </u>	┢	\dashv
	39	7	 	7	7	/	-		├─	Н
	40	7	7	7	7	7	-		┢╌	Н
	41	7	7	7	7	7	 .	-	\vdash	Н
<u> </u>	42	7	1	1	1	1	-		 -	Н
<u> </u>	42	7	7	7	7	7	\vdash	\vdash	\vdash	Н
	43	7	7	1	1	7	\vdash	\vdash	├	Н
	45	_	7	_	-	7	-		 	Н
-	46	1	1	1	1	_	-	├	├	Н
	47	1	1	1	1	1	 		 	Н
<u> </u>		1	-		-	-	\vdash	-	-	Н
	48	1	1	1	<u>/</u>	1	 —	\vdash	 -	$\vdash \vdash$
	49	1	ļ.	1	1	<u> </u>	H	\vdash	\vdash	Н

Claim			Date							
Final	Original	3/10/05	9/14/05	3/1/06	7/20/06	12/18/06				
	51	7	1	7	7	7				
	52	7	7	7	7	7				
	53	7	7	7	7	1			-	
	54	ŀ	7	7	7	7	_	\vdash	_	
	53 54 55	1	7	7	7	7	\vdash	_		
	56	7	7	7	7	1.	_	\vdash	_	-
	56 57	7	7	7	7	7				
	58	7	7	7	7	1	\Box	_	_	
	58 59	7	7	7	7	7		\vdash	_	
	60	7	7	7	7	7		_		
	61	7	7	7	7	7				
	62	7	7	7	1	7	П			
	61 62 63	7	7	7	7	7	┢	F		
	64	1	7	1	7	7	П			
	64 65 66	7	7	1	7	7		\vdash		_
	66	7	1	1	7	1	Н			
	67	7	7	7	7	7	П			
	68	7	7	7	7	7	Г	_		
	69	7	7	7	7	7	Т			
	70	7	7	7	7	7				
	71	7	1	1	7	7			\vdash	
	72	7	1	1	7	7	\vdash	_	\vdash	
	69 70 71 72 73 74 75 76 77 78 79	7	7	7	7	7				
	74	7	7	7	7	7				
	75	7	7	7	7	7				
	76	7	7	7	7	7		Г		
	77	7	7	1	1	1				
	78	7	1	1	7	1	Г			
	79	7	7	7	7	7				
	80	1	7	7	7	1	Г			
	81 82	7	7	7	7	7	Γ	_		_
	82	7	1	7	7	7				
	83	7	7	7	7	7				
	84	1	1	1	7	1				
	83 84 85	1	1	1	1	1				
	86 87	1	7	1	1	7				
	87	1	7	7	1	1				
	88	1	1	/	1	1				
	89	1	1	1	1	/	_	<u> </u>		L
	90	1	/	1	1	1	_	L		L
	91	1	1	7	1	1	L		L	L
	92	/	/	1	1	1			<u> </u>	L
L	93	1	1	7	/	1	<u> </u>		$ldsymbol{ldsymbol{ldsymbol{eta}}}$	
	94	1	/	/	1	1	_		Щ	L
	95	1	1	1	1	/	<u>_</u>	乚	<u> </u>	L
	96	1	1	1	1	1	_	_	L_	L
	97	1	/	1	1	1	L	L_	<u> </u>	L
	98	1	1	1	1	1		<u> </u>	<u> </u>	<u> </u>
	99	1	1	1	1	1	 	\vdash	<u> </u>	_
I	100	ı /	I /	1/	I /	1/	l	1	l l	1

Cla	Date									
		9								
Final .	Original	3/10/05	9/14/05	3/1/06	7/20/06	12/18/06				
ίΞ)rić	3/1	9/1	3	772	27				
	101	z	1	/	1	/				
	102 103 104 105	N	1	1	1	1	_			Щ
	103	N	1	7	1	1		_	L	Щ
	104	Z	1	1	1	1		_	_	
	105	N	1	1	/	1				
	106	N	1	1	1	7			<u> </u>	Щ
	107 108 109	Ν	1	1	1	1		_	<u> </u>	
	108	N	1	1	1	1		<u> </u>	<u> </u>	Щ
	109	N	1	1	1	1	_	_	<u> </u>	\Box
	110 111	2	1	1	1	1				Щ
	111	N	1	1	1	1	<u> </u>	<u> </u>	 	Щ
	112 113	N	1	1	1	7		<u> </u>	<u> </u>	$\vdash \vdash$
	113	N	1	1	1	1	<u> </u>	_	├	Щ
	114	N	1	1	/	1	<u> </u>	ļ	⊢	Ш
	115	N	1	1	1	7	_		<u> </u>	\blacksquare
	116	N	1	1	1	1	<u> </u>			Ц
	117	1	1	1	7	7			_	Ц
	118 119	1	1	1	1	1			<u> </u>	\blacksquare
	119	1	1	1	1	1			<u> </u>	Щ
	120	1	1	1	1	7	Ь.		_	
	121	1	1	1	1	1	L_		_	
	122	1	1	1	1	1	_		<u> </u>	\Box
	123	1	1	1	1	1	_	_	_	_
	121 122 123 124 125 126 127 128 129	N	1	1	1	1	_			
	125	N	1	1	1	1	_	_		
	126	N	1	1	1	1	_		<u> </u>	
<u> </u>	127	N	1	1	1	1	_	<u> </u>	_	Н
	128	N	1	1	1	1	_	_	_	Щ
	129	Z	1	1	1	1	\vdash	┡	_	
	130	N	1	1	7	1	<u> </u>	<u> </u>	-	
	131	N	1	1	1	1	<u> </u>	_		Щ
	132 133	N	<u> </u>	1	1	1	<u> </u>	<u> </u>	 	\sqcup
<u> </u>	133	N	1	1	1	1	_	-	-	\vdash
<u> </u>	134 135	N	1	1	1	1	-	<u> </u>	⊢	\vdash
	135	N	1	1	1	1	<u> </u>	-	├	Н
<u> </u>	136	N	1	1	1	1	├—	⊢	 	$\vdash \dashv$
	137 138	N N	1	1.	1	1		-	\vdash	Н
├—	139		1	1	<u>/</u>	1	\vdash	⊢	├	\vdash
	140	N	1	1	1	7	\vdash	\vdash	\vdash	\vdash
	141	N	-	-	_	7	├-	⊢	 	\vdash
<u> </u>	142	N	1	1	1	7		-	-	\vdash
 	143	V	—	-	+	+	-	-	\vdash	Н
	144	V	V	V	V	+	-	-	\vdash	\vdash
	145	÷	V	V	\ <u>\</u>	+	-	-	 	\vdash
 	145	V	V	V	V	+	-	-	├	\vdash
	147	$\frac{ v }{ v }$	V	V	V	+	 	\vdash	\vdash	$\vdash\vdash$
 	148	V	V	V	V	+	\vdash	\vdash	 - 	\vdash
 	148	$\frac{v}{v}$	V	V.	V	+	\vdash	\vdash	+-	\vdash
	150	$\frac{v}{v}$	V	V V	Ÿ	+	 	-	 	$\vdash\vdash$
L	130	<u> </u>	۷.	٧	٧			Ц_	Ц	ш

Index	of	Claims	(continued)
	•		, /



Application No. Applicant(s)

10/046,497 PING ET AL.

Examiner Art Unit

√	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
-	Interference

Thao X. Le

A	Appeal
0	Objected

2814

			L_				l		L						_	
Cle	ina				_	201						Cla	ion.			_
Claim			_		_	Date	_	· ·		_		Cla	11111	-	_	г
Final	Original	3/10/05	9/14/05	3/1/06	7/20/06	12/18/06						Final	Original	3/10/05	9/14/05	2/1/6
-	151	V	V	v	V	+	\vdash	\vdash	┢	\vdash			201	V	v	١,
	152	Ÿ	V	v	v	+	\vdash	-	\vdash	\vdash			202	V	v	,
	153	V	V	v	v	+	\vdash	\vdash	\vdash				203	V	v	١
	154	V	v	v	v	+		Π	Г				204	V	v	١
	155	>	٧	٧	٧	+							205	٧	٧	,
	156	Z	1	1	1	/							206	V	v	١
	157	N	1	1	1	1	<u>_</u>	_		_			207	<u> </u>	v	1
	158	N	/	1	1	/	<u> </u>	_	_	_			208	V	V	1
	159	N	1	1	1	1	ļ	<u> </u>	<u> </u>	ļ			209	V	<u> </u>	١
	160	N	<u> </u>	1	1	1	_	⊩	<u> </u>	┝			210	V	V	'
	161	N	1	/	1	1		┝	-	-			211 212	V	V	Ľ
	162 163	N	1	1	1	7		-	_	\vdash			213	$\frac{ }{v}$	V	,
	164	N	7	1	1	7	-	-		\vdash			214	V	V	,
-	165	Z	 	7	7	7	┢	\vdash		-			215	v	v	,
	166	N	7	7	7	7	-	H					216	v	v	1
	167	V	V	v	v	+	-	\vdash	<u> </u>				217	v	v	,
	168	V	v	v	v	+.							218	V	v	,
	169	\overline{v}	v	v	v	+						-	219	V	v	١,
	170	V	v	v	v	+							220	V	٧	,
	171	V	٧	>	٧	+							221	٧	٧	ŀ
	172 173	V	٧	٧	٧	+							222	٧	٧	Ŀ
	173	V	V	<u>v</u>	v	+		Ŀ	L	<u>_</u>			223	V	V	Ľ
	174	<u> </u>	V	V	V	+		L.	<u> </u>	_			224	<u></u>	٧	Ľ
<u> </u>	175	٧	٧	٧	V	+	<u> </u>	<u> </u>	<u> </u>	_			225	_	_	Ľ
	176	<u>v</u>	<u> </u>	<u> </u>	V	+	<u> </u>			_		ļ	226	<u> </u>	_	1
	177 178	V.	٧	V 	V	+	-	-	-	_			227 228	⊢		╀
	179	$\frac{\vee}{\vee}$	V	V	V	+	⊢	H	⊢	-			229	-	⊢	╁
	180	Ť	V	V	V	+	⊢	-	├─	-			230	┥	-	╁
	181	Ÿ	v	v	v	+	 	┢	┢	-		_	231	\vdash	 	H
	182	Ϊ́	v	v	v	+	-	\vdash	_				232	\vdash	\vdash	t
	183	V	v	v	v	+	_	Н	_				233		\vdash	T
\vdash	184	\overline{v}	v	v	v	+	Т						234			T
	185	V	v	٧	v	+							235			Γ
	186	٧	v	٧	٧	+							236			L
	187	>	v	٧	٧	+							237			L
	188	V	V	V	v	+	_	L.	L.				238	L.	_	L
	189	٧	V	V	V	+		L	_	L			239	L	L	L
	190	V	V	V	V	+	<u> </u>	<u> </u>	╙	_			240	_	L	L
	191	V	<u> </u>	<u> </u>	٧	+	<u> </u>	├	₩	<u> </u>			241	-	├-	╀
-	192	Ÿ	V	V	٧	+	_	⊢	_	-			242	-	\vdash	╀
-	193	V	\ \ /	7	' /	7	\vdash	₩	\vdash	\vdash	-	<u> </u>	243 244	-	-	H
	194 195	N	7	1	7	7	-	\vdash		-		-	244	-		H
 	196	V	v	v	v	+	-	\vdash	\vdash	\vdash			246	-	\vdash	t
-	197	v	v	V	v	+		t	\vdash	\vdash		 -	247	Н	\vdash	t
	198	v	v	v	v	+		T	-	t -	İ	 -	248	T	T	t
	199	v	v	v	V	+			Г	\vdash	1	\vdash	249	Г	Т	T
	200	V	V	v	٧	+		Γ			1	-	250			Γ
		•		_		_	•	•			•				_	_

Cla	Date									
Final	Original	3/10/05	9/14/05	3/1/6	7/20/06	12/18/06				
	201	V	v	v	v	+				
	202	V	v	v	v	+				_
	203	V	v	v	v	+				
	204	V	v	V	v	+				
	205	v	v	v	v	+	\vdash	_		
	206	V	v	v	v	+				_
	207		v	v	v	+				
	208	V V	v	v	v	+				_
	209	v	v	v	v	+			\dashv	
	210	v	v	v	v	+	-		\vdash	
<u> </u>	210 211	v	v	v	v	+				_
	212	v		v	-	+			\vdash	_
	212		V	-	٧	-				_
	213 214	V V	٧	٧	٧	+			_	_
	214		٧	٧	٧	+	Н			
	215	٧	٧	٧	٧	+				
	216	V	V	<u> </u>	<u> </u>	+		_		
	217	V	٧	٧	V	+			Ш	
	218	٧	V V	V	٧	+			Ш	
	219	٧		٧	٧	+			Ш	
	220	٧	٧	٧	٧	+			Щ	
	221 222	Ÿ	٧	٧	٧	+				
	222	٧	٧	٧	٧	+				
	223	٧	٧	v	٧	+				
	224 225	٧	٧	٧	٧	+				
	225			٧	٧	+				
	226 227			٧	v	+				
	227					+				
	228					+				
	229 230					+				
	230					+			-	
	231				Т	+				
	232	$\overline{}$	Г			+				
	232 233		\vdash							_
	234	_				一				
_	234 235		Т	<u> </u>				Т	-	Т
	236	_	-		_	\vdash				Т
	237	\vdash	_	一	Н	\vdash		\vdash		
 -	237 238	┢	-	┢	-	-	_			Т
	239	╌	-	\vdash	┢	_	-	\vdash		-
	240	┢	-	-	┢	-	-	┢	Н	-
_	240 241	-	⊢	├-	-	\vdash	-	┢╌	-	-
├	242	⊢	⊢	⊢	├	-	├	-	-	⊢
	242	+-	\vdash	-	\vdash	├-	├	\vdash	-	⊢
<u> </u>	244	-		\vdash	\vdash	\vdash	-	\vdash	-	-
<u> </u>				\vdash	\vdash	\vdash	├-	\vdash		\vdash
	245	-		⊢	⊢	\vdash	⊢–	\vdash	\vdash	<u> </u>
	246	\vdash	⊢	 —	 	-	-	├	├-	⊢
	247	├-	⊢	├-	<u> </u>	 -	⊢	├-	_	
<u> </u>	248	┞	├-	Ь.	<u> </u>	 		 	<u> </u>	<u> </u>
<u> </u>	249	1-	<u> </u>	\vdash	⊢	⊢-	<u> </u>	├	├-	<u> </u>

Claim						2040	_			$\overline{}$
Cla		Ь,			_	Date	_			ᅴ
Final	Original									
	251									
	252									
	253									
	254			Щ						
	255			Ш						Ш
	256	_		Н						Н
	257 258	Н		Н						-
	259									\vdash
_	260			Н	_				_	\dashv
	261					_	-			\dashv
	262		_							\dashv
	263									
	264									
	265									
	266									
	267			$ldsymbol{ldsymbol{ldsymbol{eta}}}$			<u> </u>		_	
	268		Ш.	_						
	269		_			_	_	-	_	Н
	270 271	_	_	-	_	_	_	_	_	
			_	-	_	-	\vdash	-		
	272 273	\vdash	_	-	_	_	-	_		\vdash
	274	\vdash		H			_	_	\vdash	Н
	275	\vdash		1	-		\vdash		\vdash	
-	276			\vdash						\Box
	277									
	278									
	279			Ŀ					L	Ш
	280					<u> </u>	L	L_	L_	Ш
	281	_		_	_	<u> </u>	<u> </u>		_	Ш
<u> </u>	282	_		_	_	_	<u> </u>		_	-
	283 284			-		<u> </u>			_	Н
 -	285		_	-	\vdash	╢	┝		-	Н
	286	-		H	H				-	Н
	287			\vdash	_	\vdash	_	_	\vdash	Н
	288			T						
	289									
	290									
	291		L		_				L	
	292	<u> </u>	_	L_	oxdapsilon	_	ļ.	L	L	Щ
<u> </u>	293	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ldash	<u> </u>	Ш
├—	294	<u> </u>	_	<u> </u>	-	-	 	<u> </u>	 	$\vdash\vdash$
	295	\vdash	-		<u> </u>	-	-	-	-	Н
 	296		┝	 	\vdash	-	├-	\vdash	-	H
 	297 298	-	┝	-	-	-	-		\vdash	-
\vdash	299	 	-	\vdash	\vdash	\vdash	\vdash	\vdash		\vdash
 	300	_	\vdash	 	\vdash	\vdash	-		Т	\vdash
Щ.	100	Ц.							_	_